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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/774,141	01/30/2001	Magnus Hollstrom	34650-672PT	9924

7590 10/21/2003

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EXAMINER

NGUYEN, JENNIFER T

ART UNIT	PAPER NUMBER
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2674

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DATE MAILED: 10/21/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/774,141

Applicant(s)

HOLLSTROM ET AL.

Examiner

Jennifer T Nguyen

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 30 January 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-21 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-21 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. §§ 119 and 120**

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

### DETAILED ACTION

1. This office action is responsive to amendment filed on 7/14/03.

#### *Claim Rejections - 35 USC § 102*

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-21 are rejected under 35 U.S.C. 102(b) as being anticipated by Lazzouni et al. (U.S. Patent No. 5,652,412).

Regarding claims 1 and 15, referring to Figs. 1-13, Lazzouni teaches an electronic reading device system, comprising: an electronic reading device (10) (i.e. electronic pen) for use with a formatted surface (14) having an address pattern thereon, the electronic reading device (10) including a sensor (70) for detecting portions of the address pattern; wherein positions of the electronic reading device (10) relative to the on a formatted surface (14) are determined based on the detected portions of the address pattern and a separate electronic device (140) that includes a display screen for displaying feedback relating to the detected portions (see abstract, from col. 4, line 8 to col. 5, lines 54, from col. 8, line 65 to col. 9, line 38).

Regarding claim 2, Lazzouni further teaches the detected portions of the address pattern (14) correspond to information written using the electronic reading device (10) on the formatted surface, said feedback comprising a representation of the information written using the electronic reading device (10) (from col. 8, line 65 to col. 9, line 62).

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Regarding claims 3 and 4, Lazzouni further teaches the written information comprises handwritten text, said representation comprising text characters that correspond to the handwritten text (col. 4, lines 51-65).

Regarding claims 5 and 19, Lazzouni further teaches the formatted surface includes an area for requesting a display of feedback, said feedback displayed in response to a detection, by the electronic reading device (10), of a portion of the address pattern within said area (from col. 6, line 35 to col. 9, line 26).

Regarding claims 6, 7, and 20, Lazzouni also teaches that a communication link between the electronic reading device (10) and the separate electronic device (140) (col. 4, lines 15-50).

Regarding claims 8 and 16, Lazzouni further teaches the formatted surface comprises an application interface corresponding to a specific application, said feedback displayed on the display screen comprising information relating to the specific application (col. 9, lines 14-6 and col. 14, lines 16-39).

Regarding claims 9 and 10, Lazzouni further teaches an application server from which the information relating to the specific application is retrieved via an Internet connection (col. 9, lines 14-6 and col. 14, lines 16-39, Fig. 8).

Regarding claim 11, Lazzouni further teaches the information relating to the specific application comprises data previously stored by a user of the electronic reading device (col. 9, lines 14-6 and col. 14, lines 16-39).

Regarding claims 12 and 18, Lazzouni further teaches the separate electronic device is a personal computer (140) (Fig. 7).

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Regarding claim 13, Lazzouni also teaches that the detected portions of the address pattern correspond to a specific application, said feedback associated with the specific application (col. 9, lines 14-6 and col. 14, lines 16-39).

Regarding claims 14 and 17, Lazzouni teaches the feedback comprises help data for the specific application (col. 9, lines 22-27).

Regarding claim 21, Lazzouni teaches the detected portions of the address pattern correspond to information written using the electronic reading device (10), the step of converting the information into feedback further comprising the step of converting the written information to text characters, said feedback comprising the text characters (col. 9, lines 14-6 and col. 14, lines 16-39).

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Lazzouni et al. (U.S. Patent No. 5,661,506) teaches pen and paper information recording system using an imaging pen.

Sekendur (U.S. Patent No. 5,852,434) teaches absolute optical position determination.

5. Applicant's arguments with respect to claims 1-23 have been considered but are moot in view of the new ground(s) of rejection.

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Jennifer T. Nguyen** whose telephone number is **703-305-3225**. The examiner can normally be reached on Mon-Fri from 9:00-5:30.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **Richard A Hjerpe** can be reach at **703-305-4709**.

**Any response to this action should be mailed to:**

Commissioner of Patents and Trademarks


Washington, DC. 20231

**Or faxed to: 703-872-9314 (for Technology Center 2600 only)**

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA, sixth-floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is 703-306-0377.

Jennifer T. Nguyen  
10/10/2003



**RICHARD HJERPE**  
**SUPERVISORY PATENT EXAMINER**  
**TECHNOLOGY CENTER 2600**